

WHAT IS CLAIMED IS:

1. A display apparatus including a plurality of display panels, comprising:

a data driver which applies a tone voltage to display elements of said display panels, said tone voltage corresponding to display data from an outside processor, and

a scan driver which selects, on each line basis of said display panels, said display elements to which said tone voltage should be applied, wherein

said data driver is common to said plurality of display panels, and wherein

said data driver applies said tone voltage to display elements of some of said plurality of display panels, said tone voltage corresponding to said display data from said outside processor, and further applies a tone voltage to display elements of the other display panels of said plurality of display panels during a vertical blanking time-period of some of said plurality of display panels, said tone voltage corresponding to black data or white data.

2. The display apparatus according to Claim 1, wherein said data driver comprises:

a generation circuit for generating a plurality of tone voltages,

a selector for selecting said tone voltage from among said plurality of tone voltages, and applying said selected tone voltage to said display

elements of said display panels, said tone voltage corresponding to said display data from said outside processor, and

a conversion circuit for converting said display data from said outside processor into said black data or white data, and outputting said black data or white data to said selector during said vertical blanking time-period of some of said plurality of display panels.

3. The display apparatus according to Claim 1, wherein said scan driver selects said display elements of said other display panels by using a scanning pulse whose frequency is lower than that of a scanning pulse for selecting said display elements of some of said plurality of display panels.

4. The display apparatus according to Claim 1, wherein said scan driver selects said display elements of some of said plurality of display panels on one scanning time-period basis of some of said plurality of display panels, and further selects said display elements of said other display panels on each vertical blanking time-period basis of some of said plurality of display panels.

5. The display apparatus according to Claim 1, wherein said data driver comprises:

a generation circuit for generating a plurality of tone voltages, and

a selector for selecting said tone voltage

from among said plurality of tone voltages, and applying said selected tone voltage to said display elements of said display panels, said tone voltage corresponding to said display data from said outside processor, wherein

said generation circuit stops an inside circuit during said vertical blanking time-period of some of said plurality of display panels, and wherein

said inside circuit is used for generating, of said plurality of tone voltages, tone voltages other than said tone voltage corresponding to said black data or white data.

6. The display apparatus according to Claim 1, wherein said data driver comprises a generation circuit for generating a plurality of tone voltages, and wherein

the whole or a part of said generation circuit is stopped during a time-period during which said scan driver has not selected said display elements of said plurality of display panels.

7. A display apparatus including a plurality of display panels, comprising:

a data driver for applying a tone voltage to display elements of said display panels, said tone voltage corresponding to display data from an outside processor, and

a scan driver for selecting, on each line basis of said display panels, said display elements to

which said tone voltage should be applied, wherein said data driver

applies said tone voltage to display elements of some of said plurality of display panels, said tone voltage corresponding to said display data from said outside processor, and

applies a tone voltage to display elements of the other display panels of said plurality of display panels during a vertical blanking time-period of some of said plurality of display panels, said tone voltage corresponding to predetermined display data which differs from said display data from said outside processor.

8. The display apparatus according to Claim 7, wherein said data driver is common to said plurality of display panels.

9. The display apparatus according to Claim 8, wherein said data driver comprises:

a generation circuit for generating a plurality of tone voltages,

a selector for selecting said tone voltage from among said plurality of tone voltages, and applying said selected tone voltage to said display elements of said display panels, said tone voltage corresponding to said display data from said outside processor, and

a memory for storing said predetermined display data which differs from said display data from

said outside processor, wherein

said selector selects said tone voltage from among said plurality of tone voltages during said vertical blanking time-period of some of said plurality of display panels, said tone voltage corresponding to said predetermined display data stored in said memory.

10. A display apparatus including a plurality of display panels, comprising:

a generation circuit for generating a plurality of tone voltages;

a selector for selecting a tone voltage from among said plurality of tone voltages, and applying said selected tone voltage to display elements of said display panels, said tone voltage corresponding to display data from an outside processor; and

a scan driver for selecting, on each line basis of said display panels, said display elements to which said tone voltage should be applied, wherein

said selector applies said tone voltage to display elements of some of said plurality of display panels, said tone voltage corresponding to said display data from said outside processor, and applies a tone voltage to display elements of the other display panels of said plurality of display panels, the luminance of said tone voltage being relatively low of said plurality of tone voltages, and wherein

said scan driver selects said display elements of said other display panels during a vertical

blanking time-period of some of said plurality of display panels.

11. A display apparatus including a plurality of display panels each of which is divided into a plurality of display areas, said display apparatus comprising:

a data driver for applying a tone voltage to display elements of said display panels, said tone voltage corresponding to display data from an outside processor, and

a scan driver for selecting, on each line basis of said display panels, said display elements to which said tone voltage should be applied, wherein

said data driver is common to said plurality of display panels, and applies said tone voltage to display elements of some of said plurality of display areas, said tone voltage corresponding to said display data from said outside processor, and further applies a tone voltage to display elements of the other display areas of said plurality of display areas, said tone voltage corresponding to black data or white data, and wherein

said scan driver selects said display elements of said other display areas during a vertical blanking time-period of some of said plurality of display areas.